NUCLEAR REFUGEES

• What They Won't Tell You About Fukushima •

Jeff Prager

NUCLEAR REFUGEES

By Jeff Prager
presented by

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and
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and the Department of Homeland Civilian Security (DHCS)©

It's All Class Warfare ...

Most of you might have to use their money.
Don't Drink Their Water.
Don't Eat Their Food.
Don't Buy Their Stuff.

(This is not an endorsement for canned food. The publisher doesn't eat canned food and doesn't recommend canned food, but he likes the Popeye cartoon.)

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The propaganda and indoctrination, as Jethro Tull said, is "Thick As A Brick" ©℗™℠©, yada, yada, yada...

Remember Nugan Hand!

The "system" is fucked beyond repair and we have elected leaders that are no more then common criminals using death and destruction across the globe to secure slowly depleting global resources.

You will not find the truth about Fukushima in the American mainstream media.

For American mainstream media, Fukushima is OVER.

For the world it's just begun.

Low level, low dose, long-term radiation exposure is far more dangerous to humans then high dose, high level, short-term exposure. We know this now. We know after 50+ years of rigorous study that low level, low dose exposure causes serious illnesses that lead to early death in many people.

While this is still not admitted to the public by the IAEA or the Nuclear Regulatory Commission the data within the various studies done by reputable scientists and nuclear physicists is clear. Low level, low dose, long-term exposure has dire human consequences.

We die. Slowly.

LOW LEVEL LOW DOSE RADIATION EXPOSURE KILLS HUMANS

Radiation Exposure Causes More Then Just Cancer

To write the book, "Ionizing Radiation," which I wrote at the beginning of this year, just before Fukushima, I wrote to and received from the Japanese Ministry of Health a variety of reports compiled on the atomic attacks at Nagasaki and Hiroshima. I received formal, printed and bound reports by numerous nuclear physicists published under the Ministry of Health between 1970 and 1990 with long-term study analysis results. This isn't the type of material you'll find on the internet or in the media. These various reports I ordered were technical/medical reports detailing what we do and don't know about high and low dose radiation exposure in humans and the health effects caused by it based on years and years of long-term studies in very large populations of people. I also received data from the IAEA on the Chernobyl accident in Russia. I carefully examined all of the information I received and realized a number of things I hadn't known before. Far too many to even begin discussing here but links to "Ionizing Radiation" are in this report further on.

I didn't know anything at all about radiation exposure prior to this. Or, rather, what I thought I knew I soon found out was what everyone else knew from the Americans media, books, internet, life growing up in the USA. What I knew was *ALL* wrong.

Significant excess risks are seen for many of the major types of solid cancer in both low and high dose exposure, including cancers of the stomach, lung, liver, colon, bladder, breast, ovary, thyroid, and skin. Excess risks are also seen for most other types of cancer. Thus, the survivor data are consistent with the notion that radiation exposure is associated with excess risks for virtually all cancers.

The single most important element of those many realizations was that based on data collected for 50+ years from Hiroshima and Nagasaki we know that exposure to radiation causes a far greater collection of illnesses then most people are aware. Cancer isn't alone. Eight years after Hiroshima and Nagasaki we saw the following symptoms begin to develop in the proximally exposed survivors:

- Susceptibility to fatigue
- Impatience for work that requires mental focus
- Environmental intolerance
- Amnesic conditions
- Emotional intolerance
- Dizziness
- Headaches
- Digestive disturbances
- Circulatory system disturbances
- Vasomotion disturbances
- Body temperature regulation disturbances
- Numbness in limbs
- Psychic shock intolerance
- Disturbances of cutaneous functions
- Hemorrhagic tendencies
- Sexual and urinary complaints
- Insomnia
- Nutritional disturbances
- Metabolic disturbances

By 1971 we had seen 10s of 1000s of cases of Hematological disorders, Cardiovascular disorders, Liver dysfunction, Endocrinological diseases, Nephropathy, Gastrointestinal diseases, Respiratory diseases, Pulmonary tuberculosis, Motor dysfunction, Ophthalmological diseases (even low dose radiation exposure causes an increased incidence of cataracts), Malignant neoplasms and Cerebrovascular diseases. Radiation exposure does not just cause cancer but it causes an unimaginable number and variety of human illnesses. Most are debilitating.

You do not see this in the mainstream media.

Chernobyl is even more devastating. It's estimated that 1 million people have died an early death and as many are experiencing serious illnesses, birth defects and deformities. If you actually start performing a real investigation on these and other well known incidents, for example, Three Mile Island (increases in childhood Leukemia within 20 miles) or Semipalatinsk in what is now the steppes of Kazakhstan the reports are nothing less then horror stories. The Soviet Union conducted 456 nuclear tests at Semipalatinsk from 1949 until 1989 with little regard for their effect on the local people or the environment. The full impact of radiation exposure was hidden for many years by Soviet authorities and has only come to light since the test site closed in 1991 so this may be unfamiliar territory for many people still.

"We are not afraid to entrust
the American people with unpleasant facts,
foreign ideas, alien philosophies, and competitive values.
For a nation that is afraid to let its people judge
the truth and falsehood in an open market
is a nation that is afraid of its people."

President John F. Kennedy
February 26, 1962

The American government **IS** afraid of the American people
This is why they lie
They should be afraid
If the truth were known there would be an armed revolution tomorrow

私はあなたにすべての平和、健康及び繁栄を願っています。さえこの21世紀にそれは私達が見つけるはずのものが容易に達成達成するために最も困難なものであるかのように思われる。

Some portions of this eMagazine are printed in Japanese
Adobe Ming Standard, sometimes with and
sometimes without English translations.

Peace.

この本を　むのに時間を割いていただきありがとうございます。それは私にとって重要だと私はまた真実は放射線が現在広がっているのと同　に、世界中に広がることが、日本の人々に確信しています。原子力　業は、ハツカネズミのように　かに福島の災害を維持しています。しかし、家のマウスは輝き始めている。

平和

“Ionizing Radiation”

Part 1:
http://www.box.net/shared/9ilkg3pkfs

Part 2:
http://www.box.net/shared/h5gvyev9q8

Part 3:
http://www.box.net/shared/ctdmz7la4j

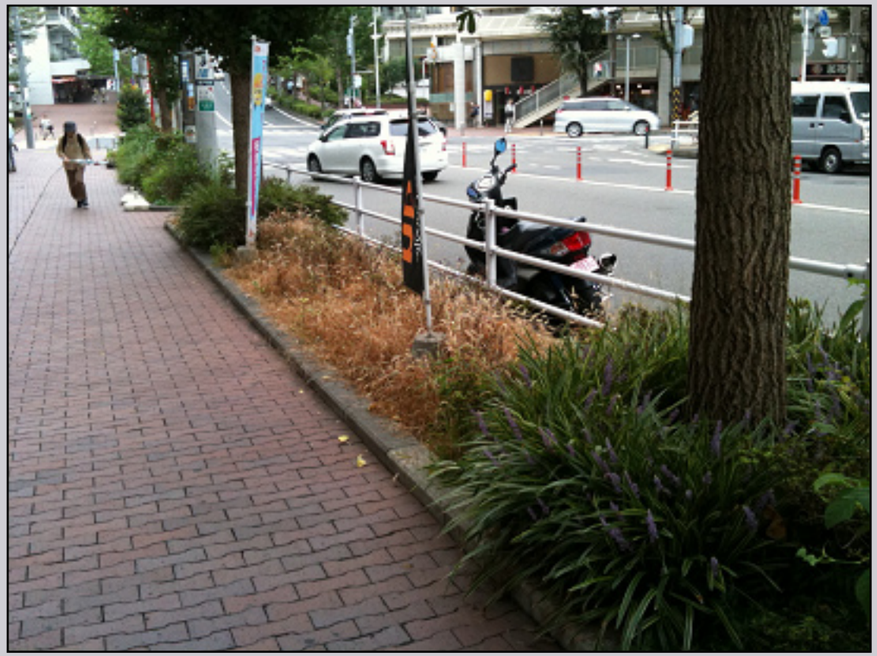
Temperatures Rising

October 13th, 2011

Japanese researchers discovered high levels of radioactive material in concentrated areas in Tokyo and Yokohama, more than 241 kilometers away from the Fukushima Daiichi nuclear plant, as increasingly thorough tests provide a clearer picture of just how far contamination has spread and accumulated [...]

In Tokyo, a sidewalk in Setagaya ward, in the western part of the city, recorded radiation levels of 2.707 microsieverts per hour, about 50 times higher than another location in Setagaya where the ward regularly monitors radiation levels. [...]

In Yokohama, the local government said last month that it detected 40,200 becquerels of radioactive cesium per kilogram of sediments collected from one part of a roadside ditch. [...]



The plants and shrubs lining Tokyo streets appear to be dying

Yokohama is investigating another spot on an apartment rooftop where tests conducted by a local private research institute detected more than 60,000 becquerels of radioactive cesium per a kilogram of sediments. [...]

How were these highly radioactive areas found?

Both Setagaya Ward and Yokohama discovered those concentrated spots after residents carrying their radiation measuring devices noticed such spots and reported it to local officials.

Source: Radioactive 'Hot Spots' Detected in Tokyo, Yokohama, Wall Street Journal by Juro Osawa, October 12, 2011

October 13th, 2011 at 07:21 AM

Breaking News via Xinhua: Radiation in areas of Tokyo far exceeded levels in Fukushima on Thursday – Almost 6 μSv/hr at amusement park near capital

TOKYO (Xinhua) -- Radiation levels at areas in Tokyo and Chiba prefectures were found Thursday to far exceed current levels in Fukushima prefecture, home to the crisis-hit No. 1 nuclear power plant located 200 km north of Tokyo.

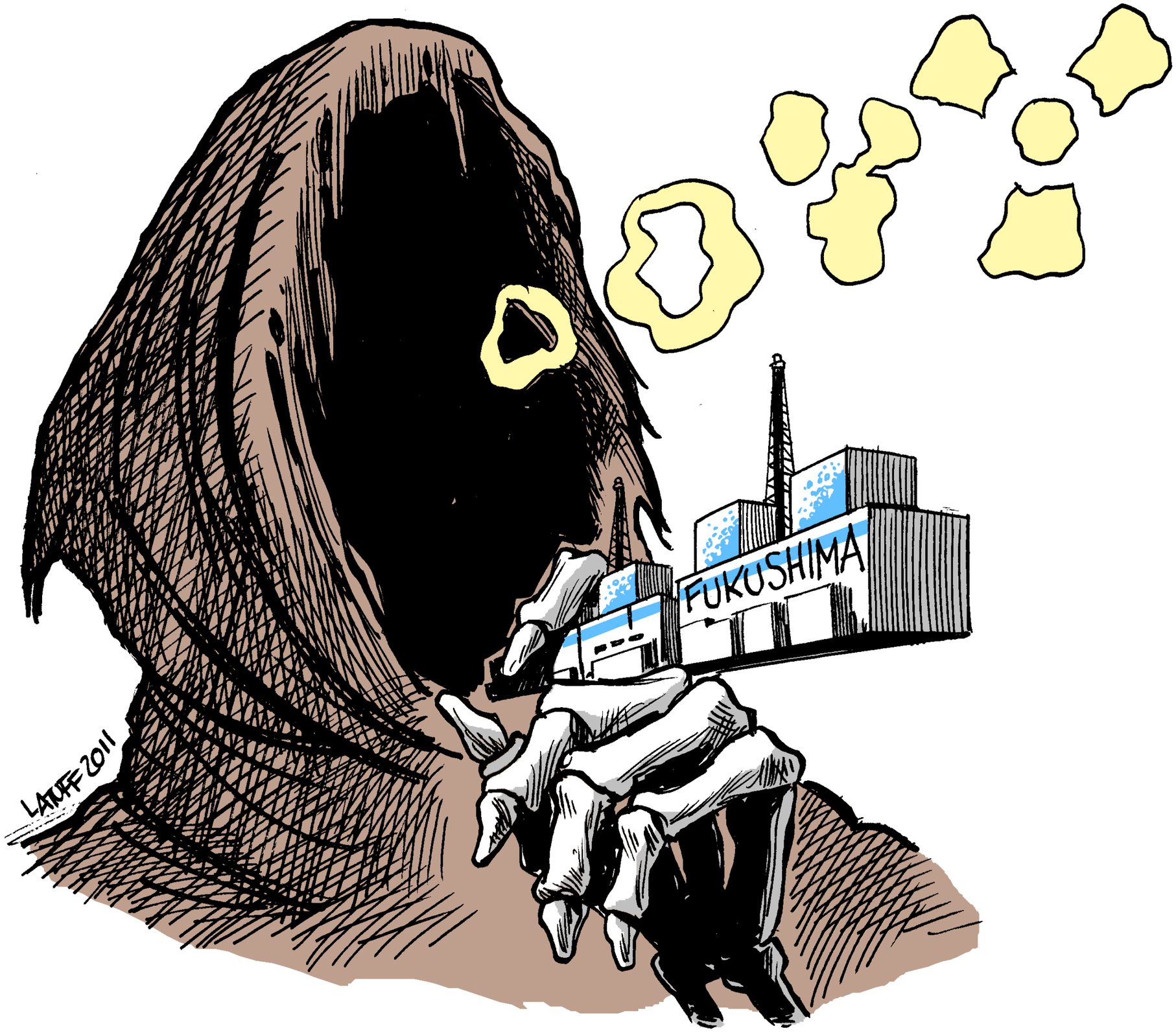
An area along a sidewalk in Tokyo's Setagaya Ward, frequently used by elementary school children, was found to have airborne radiation measuring 3.35 microsieverts per hour and a children's amusement park tested positive with 5.82 microsieverts in the Funabashi district of neighboring Chiba prefecture, local authorities said Thursday.

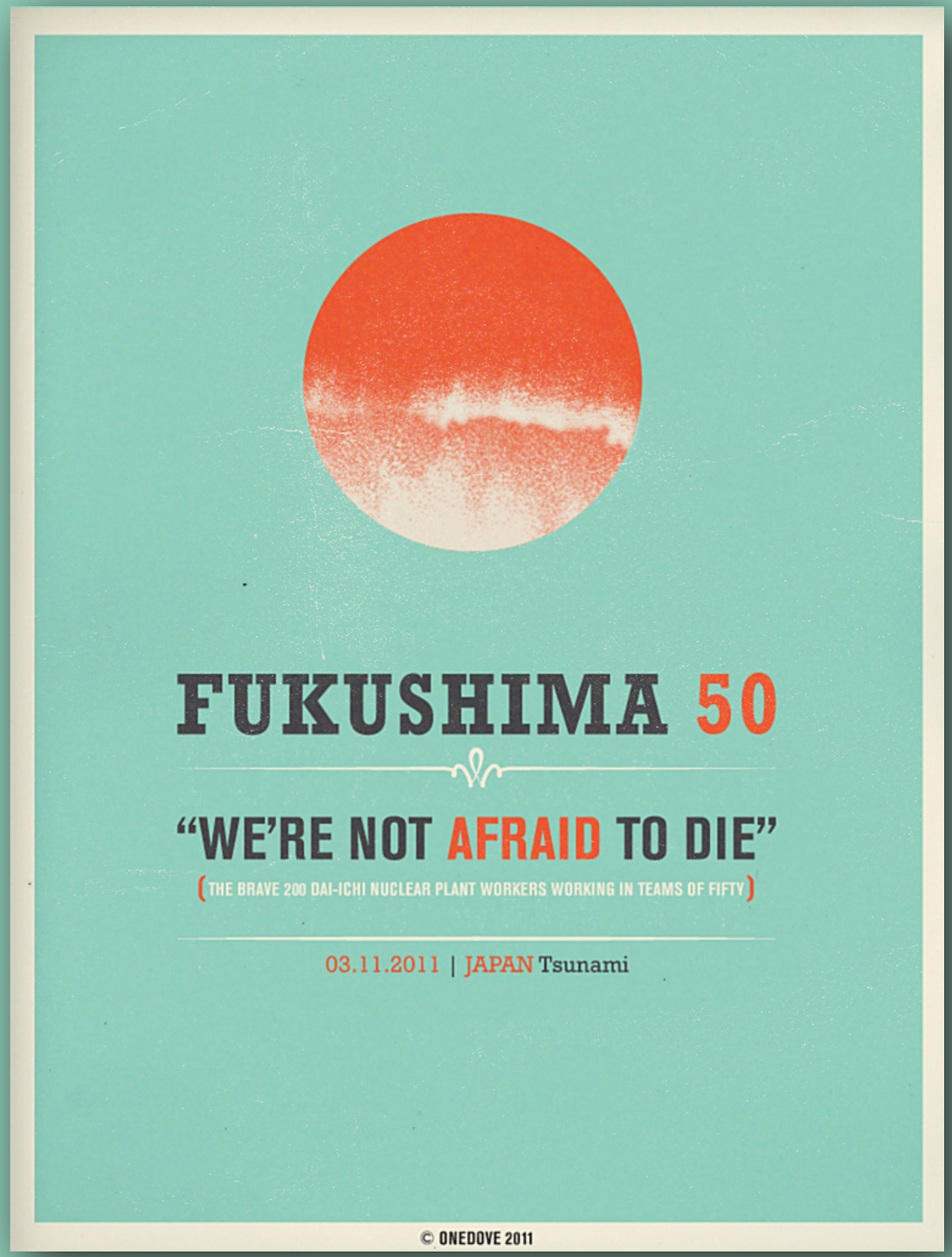
By way of comparison, the latest readings taken from inside the evacuation zone in Fukushima prefecture, the central to the world' s worst nuclear accident in 25-years, measured 2.17 microsieverts per hour, according to local prefectural officials. An investigation is currently underway to determine whether the troubled nuclear plant in Fukushima is responsible for the high doses of radiation detected in and around Japan's capital city and Chief Cabinet Secretary Osamu Fujimura said Thursday that nuclear agencies and government authorities will increase monitoring activities around the country.

The two hotspots have been cordoned off and authorities have attempted to reduce the concentration of radiation by using water and "other" methods, local media said, but the levels have remained worryingly high despite the counter-measures, sparking widespread panic around Japan's primary metropolis. Compounding public fears, city officials in the neighboring port city of Yokohama said on Wednesday that radioactive Strontium above ordinary levels had been detected on the roof of a residential building in the city -- itself located 250 km south of the No. 1 plant in Fukushima prefecture.

Officials said that 195 becquerels of Strontium-90, which can cause bone cancer and leukemia, was detected in deposits on the rooftop, sparking concerns the contamination may have spread further afield. It is the first time Strontium-90 at a concentration of more than 100 becquerels per kilogram has been detected beyond 100 km from the troubled plant in Fukushima, the officials said. Radiation dosages of up to 47 times higher than normal levels have also been detected from processed radioactive waste at a facility used for storage in Aomori Prefecture, in northern Japan.

According to Kyushu Electric Power Co. who discharged the spent nuclear fuel rods to be processed in Britain, levels of up to 190 becquerels of both beta and gamma rays were detected in three storage canisters. The utility firms said Thursday that workers are trying to decontaminate the radioactive canisters.


FUKUSHIMA
LAMUFF 2011



Last week, second-year humanities students met leading figures of the Japanese literary community, and learned the difficulty of being a haiku poet in post-Fukushima Japan. They attended the on-campus launch of Monkey Business, the first English edition of the Japanese literary magazine. Their professor, Ted Goossen, is a translator and critic of Japanese literature. He worked with fellow critic and translator Motoyuki Shibata to bring the literary magazine to North American shores. Attendees at the launch heard readings from novelists Hideo Furukawa, Hiromi Kawakami, and haiku poet Minoru Ozawa.

"THE MASTER SAID BEAUTY IN ALL THINGS, BUT PLUTONIUM? I ASK."

Haiku by poet Minoru Ozawa

"One of the philosophies of haiku articulated by Bash, [is] that one must find beauty in all things and all states," says Ozawa. Ozawa had difficulty thinking about Fukushima in terms of Bash's philosophy.

He considered what the Master might have meant by "all things". Ozawa believes he means transient and impermanent things: "so plutonium, which lasts for billions of years, has to be excluded from the realm of beauty."

As Ozawa poses this question to Bash across time, he says, "I want him to agree that plutonium is not beautiful."

"The haiku has a 400-year history," Ozawa points out, "and Japan was hit by an earthquake said to be once every 1,000 years. I think it's inevitable that the haiku has to face, to combat, something even greater."

After Fukushima, the haiku community — and the rest of Japan — faces difficult questions. The haiku poet has a duty to face the problems posed by the disasters head-on.

"I can't continue writing haiku without facing [them]," Ozawa admits. "It's something that can't be ignored, especially by the haiku poet."

PROPAGANDA

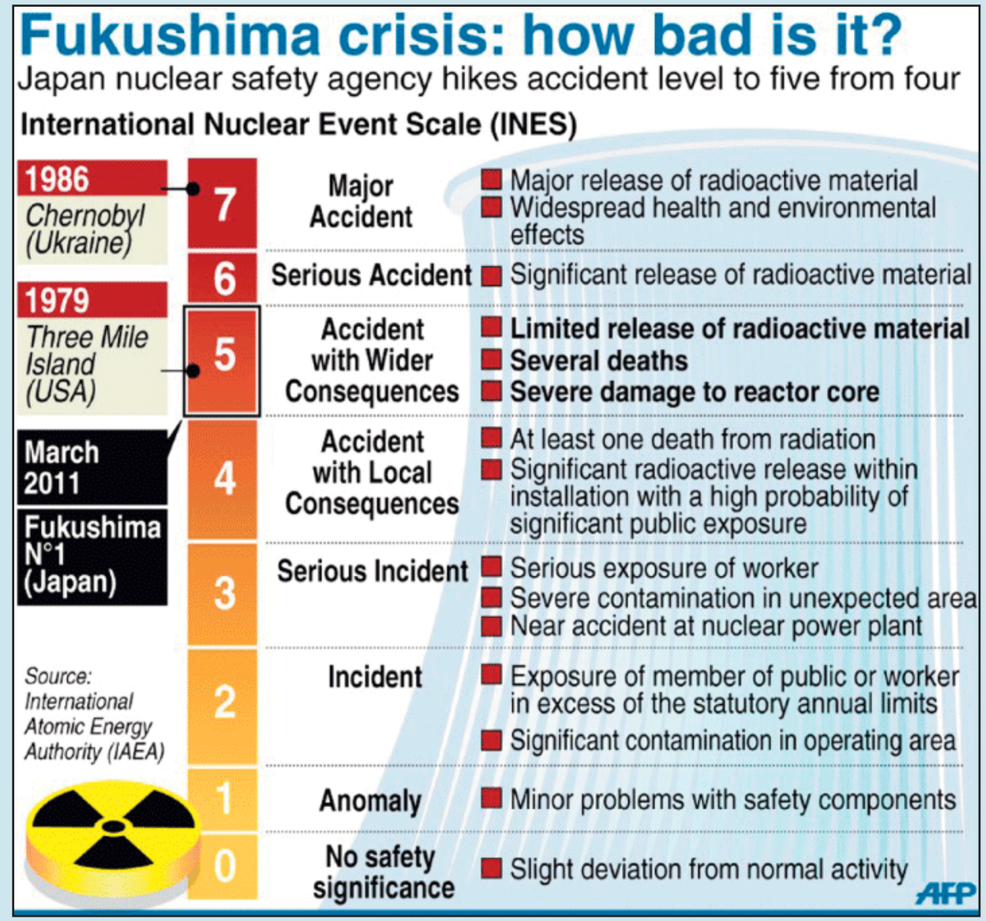
For anyone that hasn't read "Propaganda" by Edward Bernays, now is the time. The first 4 paragraphs of Chapter One are presented here:

"THE **conscious and intelligent manipulation of the organized habits and opinions of the masses** is an important element in democratic society. Those who manipulate this unseen mechanism of society constitute **an invisible government which is the true ruling power of our country.**

We are governed, our minds are molded, our tastes formed, our ideas suggested, largely by men we have never heard of. This is a logical result of the way in which our democratic society is organized. Vast numbers of human beings must cooperate in this manner if they are to live together as a smoothly functioning society.

Our invisible governors are, in many cases, unaware of the identity of their fellow members in the inner cabinet.

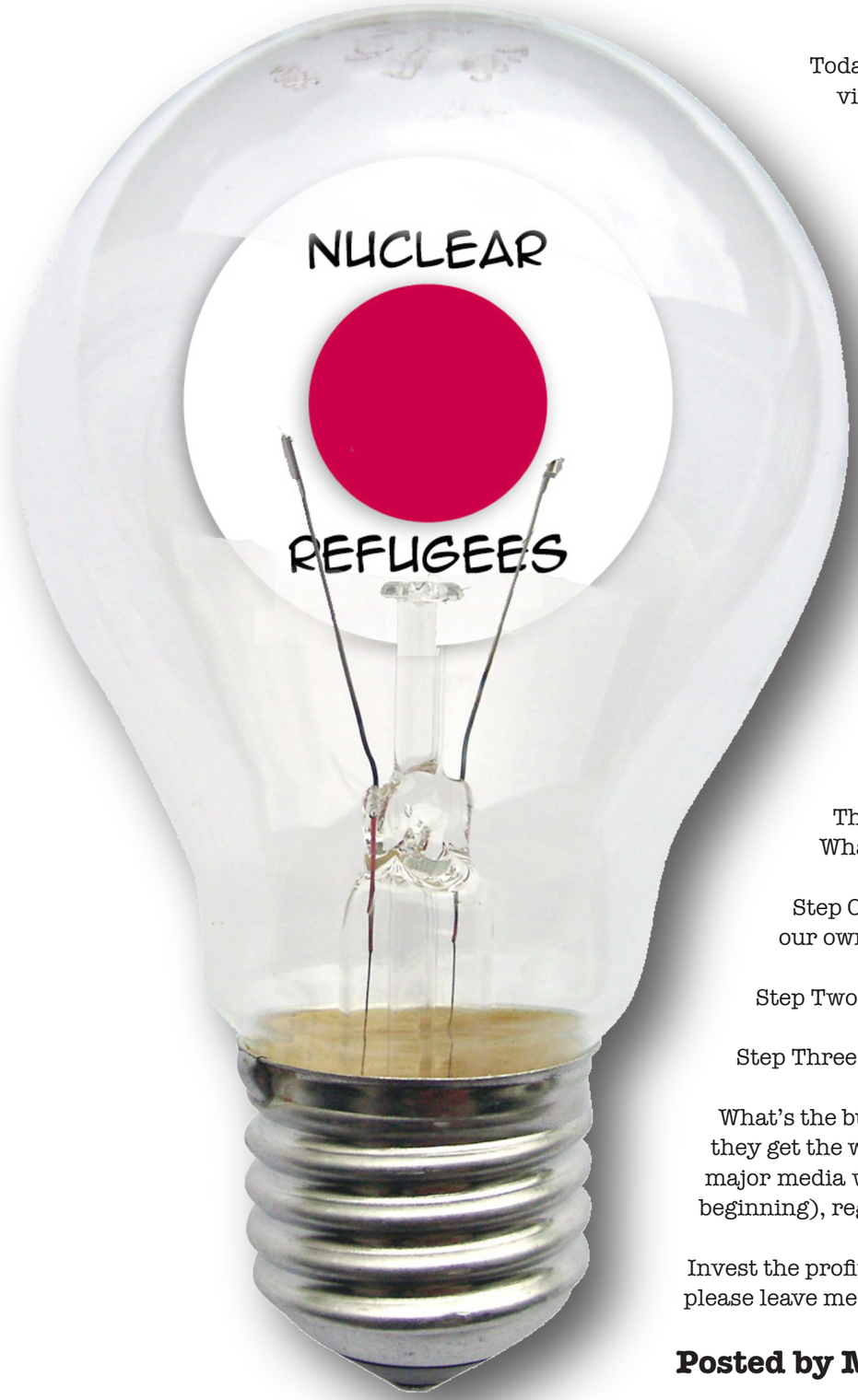
They govern us by their qualities of natural leadership, their ability to supply needed ideas and by their key position in the social structure. Whatever attitude one chooses to take toward this condition, it remains a fact that in almost every act of our daily lives, whether in the sphere of politics or business, in our social conduct or our ethical thinking, we are dominated by the relatively small number of persons—a trifling fraction of our hundred and twenty million—who understand the mental processes and social patterns of the masses. It is they who pull the wires which control the public mind, who harness old social forces and contrive new ways to bind and guide the world."



I include this here because propaganda is what governments produce. You and I never produce fallacies purposely. We look for the truth in a minefIeld of government generated lies. Above is a mainstream media presentation, a Sound Byte Presentation, of the dangers of Fukushima indicating very clearly that Fukushima was less dangerous then 3 Mile Island and Chernobyl. We know with great certainty that this is not the case. In fact, the Japanese government is, right now at this very moment, debating increasing Fukushima to a "6" on the chart above making it more dangerous then Three Mile Island but less so then Chernobyl. Make no mistake; in the final analysis Fukushima will be the greatest Nuclear Disaster our world has ever seen.

'The conscious manipulation of the masses is an important element in democratic society'

Edward Bernays
Propaganda, 1928



October 5, 2011 • From Fukushima

Today I went to the French embassy for WH visa, but because they were very helpful for me to die in radiation, I couldn't get WH visa. I think WH visa might not be a good choice. (I know it's not the time for me to be picky though.)

1) It's not renewable.

2) I can't change the type of Visa while I'm in France.

So I'll have to come back to Japan in one year, when the contamination is likely to be even worse. My potential host family kindly recommends me au pair visa. However, it requires me to enroll a language school. I don't have that much money. Another option is "long stay visa", but it requires me to have 3 million yen since 3 months ago, perfect life insurance, and I'm not allowed to earn money in France.

So in short, they don't want me to come.

None of the countries wants to accept us nuclear refugees. I'm thinking of going to France with a tourist visa for the beginning. However, we Nuclear Refugees have a lot of the problems. Firstly, we need money. When we have kids, the situation is more serious than me. They can't stay in Japan, but they need money.

One of them told me they even want to exile themselves. Yet I can't ask my potential host family to hire me for a working visa because it's pricey. I can't trouble them anymore. Considering it all, I think I must enterprise a company. I'm thinking of raising funds on kickstarter, but because I don't really have time, can't speak French, and bad at paying attention for details, so I'm asking someone to be my co-founder.

Also, I think only american citizens are allowed to use kickstarter.com

The basic concept is this: If they make money from nuclear, we will make more profit out of being anti-nuc.
What should we do?

Step One: Build an anti-nuc news network. This should be a blog network to feed news to variety of SNS. I think we better not have our own website to feed news because it will be the target of internet attack.

Step Two: Connect protests and demonstrations internationally, and provide legal protection for people arrested by "authority".

Step Three: Catch the pro nuc monsters and throw them to the people.

What's the business model? Feeding news and make profit out of ads and donations. Stakeholders? Correspondents can get employed so they get the working visa, and keep feeding us good news. (We need a lot of good web journalists.) Readers can get fresh information that major media would never pick up. Where? In front of Areva. What to do first? Raise funds (I think 10,000 USD would be enough for the beginning), register as a company, hire reporters and pay them.

Invest the profit into step 2. I will evacuate and get this project going on at the same time. If you have any advice or can offer me some help, please leave me comments. As always, I read them all. I'm really sorry for being unable to reply to all of them.

Posted by Mochizuki on October 5th, 2011 • Column of the Day: Escape Plan 10/5/2011

Does Japan's New Fukushima Exclusion Zone Add Up?

August 22, 2011

It appears that the Japanese government is close to announcing what many of us have suspected since the nuclear crisis at Fukushima Daiichi began: some people won't be going home. Ever.

Numerous stories are circulating today about a potential exclusion zone around the Fukushima plant. It will mainly include villages less than 19 kilometers from the plant, according to the New York Times.

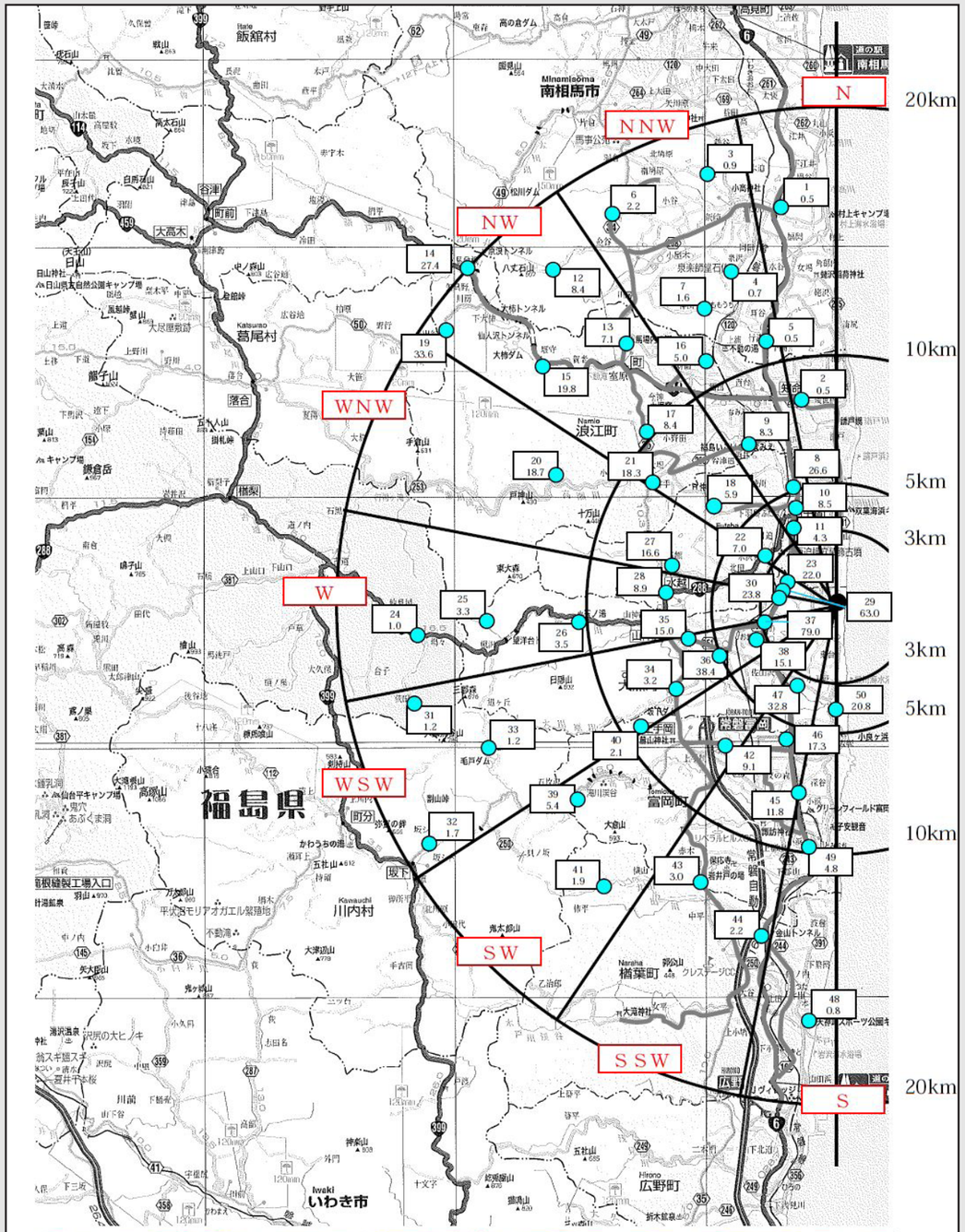
But try to dig a little deeper into this, and as happens over-and-over during the Fukushima crisis, you come up against confusing numbers and not much in the way of explanation from the Japanese government. The New York Times story mentions the village of Okuma 3 km southwest of the plant. The story states a resident there would receive an annual dose of 508.1 millisieverts of radiation per year, far, far more than the 20 mSv/yr limit set by the government (need a refresher on sieverts?).

That number appears to have come from a recent survey conducted by the science ministry (MEXT). In a move to confuse, MEXT has chosen to give its doses in microsieverts per hour (μSv/hour), but it's simple enough to convert: divide by 1,000, to convert to millisieverts, then multiply by 24 (hours in a day) and 365 (days in a year). And voila! You do indeed find areas around Okuma in the 500 mSv/year-range.

In fact, anywhere on the map where dose levels are above 2.5 μSv/hour is already above the government's annual limit. It does indeed seem like, for the most part, rates on that edge of the 20 kilometer exclusion zone set up immediately after the crisis began are near the government limits.

One notable exception is post 14 where an rate of 27.4 μSv/hr (240 mSv/yr) can be seen right at the edge of the zone. This corresponds to a large plume of radiation that settled to the northwest of the plant. Taking a look at this recent survey data outside the evacuation zone, and you can see that the contamination stretches to at least Futaba county, 25-30 km to the west-northwest. There, rates are as high as 306 mSv/year, well above other parts of the 19 km exclusion zone around the plant.

We know that, contrary to the wishes of physicists, fallout doesn't settle in an even circle. So does singling out villages inside the 19km zone really make sense? A lot will probably depend on the nature of the radioactive fall-out. The government has already announced a plan to remediate large areas of the countryside, and it may be that they can remove the topsoil in radioactive hot-spots outside the 19km zone. But if the contamination is more widespread, it may also involve changing the government safety limits, something that it has done already to the dismay of its citizens.



福島第一原子力発電所より 20km 圏内の空間放射線量率測定結果（測定日：平成 23 年 8 月 1 3 日）

Readings of air dose rate in 20km Zone of Fukushima Dai-ichi NPP (Aug. 13, 2011)

※　四角内の記載については、上段はポイント番号、下段は空間線量率（μSv/h）を記載。

The upper measurement points, and the lower shows the measured dose rate.（μSv/h）

Banning The Zone, And Again ...

Japan has made it illegal to enter a 20km (12-mile) evacuation zone around the stricken Fukushima nuclear reactor.

People were urged to leave the area shortly after the 11 March earthquake and tsunami crippled the plant, but the order was not enforced by law.

Cooling systems were knocked out by the twin disasters and radiation has been leaking from the plant. Brief re-entry will be allowed to the area's 80,000 former residents to collect belongings. It is not clear how many people are still living in the evacuation zone, but reports said police had counted at least 60 families.

After the disaster the government also declared a wider 10km zone around the 20km evacuation area where people should either stay indoors or leave. It later recommended that people also evacuate parts of that area as well.

"The plant has not been stable," said the chief government spokesman, Yukio Edano.

"We have been asking residents not to enter the area as there is a huge risk to their safety," he said. "Unfortunately, there are still some people in the areas."

"Today... we have decided to designate the area an emergency area based on disaster law."

Long wait

Most of the evacuees are living in sports hall and gymnasiums waiting to return home.

It could be a long wait, says the BBC's Roland Buerk in Tokyo, as the plant's operator, Tokyo Electric Power Co (Tepco), has said it aims to bring the reactors to a cold shutdown within nine months. The evacuation zone will be reassessed then, adds our correspondent. Residents would be allowed supervised visits of two hours to collect belongings, which would be screened for radiation contamination. Workers at the Fukushima Daiichi plant are attempting to remove highly radioactive water from a reactor building to allow repair work to the cooling systems knocked out on 11 March.

Emergency workers have been unable to enter any of the damaged reactor buildings at the plant since then. Nearly 14,000 people have been confirmed to have died in the earthquake and tsunami and more than 13,000 people are missing.

災害後の政府はまた、人々はどちらか屋　にとどまるか　してください20キロ避難　域のまわり広い10キロのゾーンを宣言した。それは後の人も同　にその領域を部分的に避難することをお　めします。

救急隊員は、その後工場で損傷した原子炉建屋のいずれかを入力することができていない。約14,000人が地震と津波で死亡したと確認されており、13,000人以上の人が不足しています。

Contamination Has Become 5 Times Worse Than 3 Months Ago

by Mochizuki on October 5th, 2011

NGO、FOE日本によると、非常に福島市のホットスポットをそこに汚染されている。

彼らは最 の場所にセシウム134及び137の30万ベクレル/ Kgを 出し、いくつかの他の場所では、3ヶ月前より5倍 く汚染となった。（9 / 14）

彼らはまた、放課後の に15万ベクレル/ kgを測定した。

教授山 は、汚染が凝縮されている可能性が想定していますが、彼らはまだそれを証明しなかった。

それは新しいが、セシウムこれらの3ヶ月で 落考える方が合理的かもしれません。

彼らは、放射線を除染しようとしているが、皮肉にも、汚染が 化し、 化に関係なく、除菌と呼ばれる新しいビジネスのなっています。

汚染除去が可能な場合、人々は、チェルノブイリ年前に って行っていた。

我々は、”除菌”、彼らの新しい宣伝にだまされてはならない。

According to an the NGO, FOE Japan, there are extremely contaminated hot spots in Fukushima city.

They detected 300,000 Bq/Kg of cesium 134 and 137 in the worst place,and some other places became contaminated 5 times worse than 3 months ago. (9/14)

They also measured 150,000 Bq/kg beside an after-school.

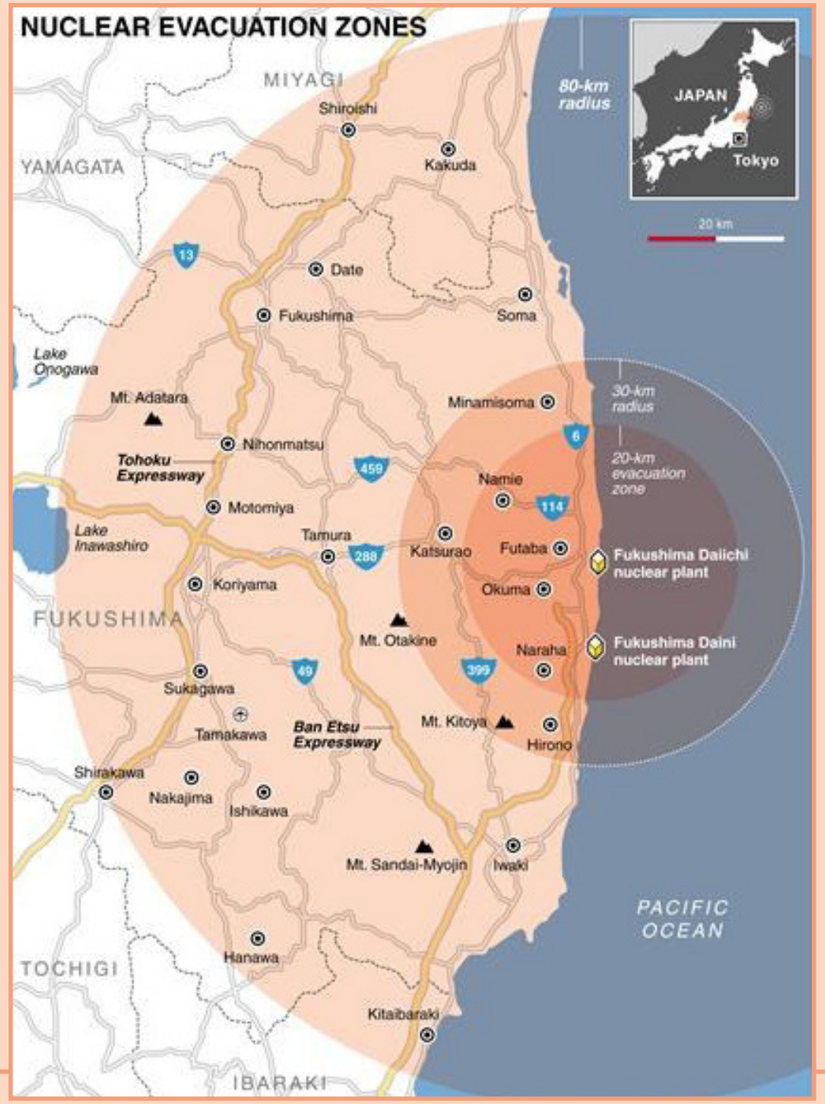
Professor Yamauchi assumes contamination might have been condensed, but they haven't proved it yet.

It might be more rational to think new cesium fallen off in these 3 months.

They have been trying to decontaminate radiation, but ironically, contamination is getting worse and worse regardless of the new business called decontamination.

If decontamination is possible, people would have gone back to Chernobyl years ago.

We mustn't be deceived by their new propaganda, "decontamination".



Actual Fukushima Worker Warns "Get Out Of Japan Before Spring Comes"

Posted by Mochizuki on October 5th, 2011

Children have already started to have thyroid problem "even though they evacuated".

It was assumed to take 5 years but the symptoms are showing up much faster than we ever thought. Now it's known that most part of the plume is stuck to the trees or soil in the mountains, where you can hardly decontaminate.

Last night, the actual Fukushima worker Happy20790 tweeted these below:

Happy 20790

ハッピー
き2：定　だと防寒下着あったけど、今回は準備してくれるのかなぁ…？とりあえず汚染　用を自腹で準備しよ。昨日の木の話で、　さんも心配してたけど、　年の杉花粉はやっぱりヤバいよなぁ…。オイラも花粉症なんだけど…。

Speaking of the pine, the pollen next year is very "serious". I have an allergy too.

ハッピー　き3：今から杉の葉っぱと枝を切り落とさないとダメかも。あとは飛ばないように糊で固めるとか…せっかく除染しても　年の春にまた汚染が　散しちゃうよ。20km　の杉は　え切れないくらいあるから大　だけど　策しなきゃもっと大　。担　大臣は誰だろ？考えてるかなぁ？

Maybe they need to cut off all the branches and the leaves of cedar right now, or glue the pollen so it won't fly away. Otherwise radiation will spread around again even though they decontaminate. In 20km area, there are countless numbers of cedar. That will be a really hard but we need to do something for it. Who's in charge of that in the government ? I wonder if he/she thinks of that.

RADIOACTIVE POLLEN

Immune System Meltdown

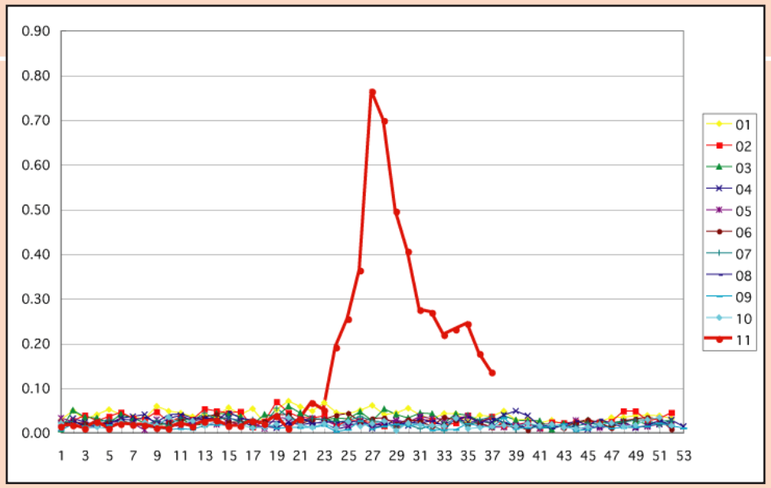
by Mochizuki on October 4th, 2011

According to the data of National Institute of Infectious Diseases,
the count of variety of the diseases is spiking up this year compared to last 9 years. (comments on following pages).

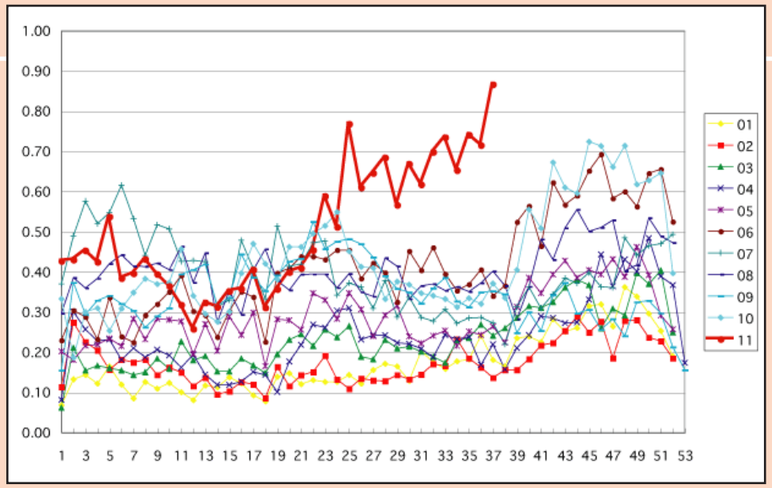
Abscissa (X) axis = Week (the line of numbers across the bottom of the charts).
3/11 is on the 11th week which would be the "11" on the line across the bottom of the chart.
2011 = Red or the red spiked line in the chart itself. At the far right are the color codes for each previous year from 2001-2011.

Radiation affects our immune system. No excuses anymore.

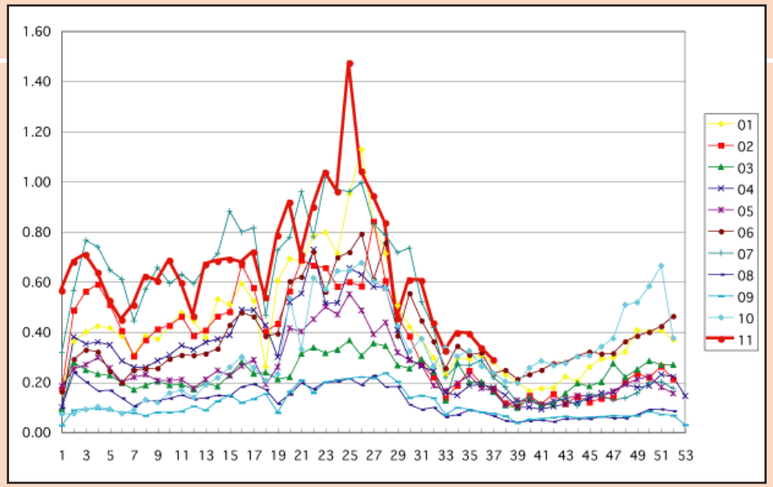
Acute Hemorrhagic Conjunctivitis



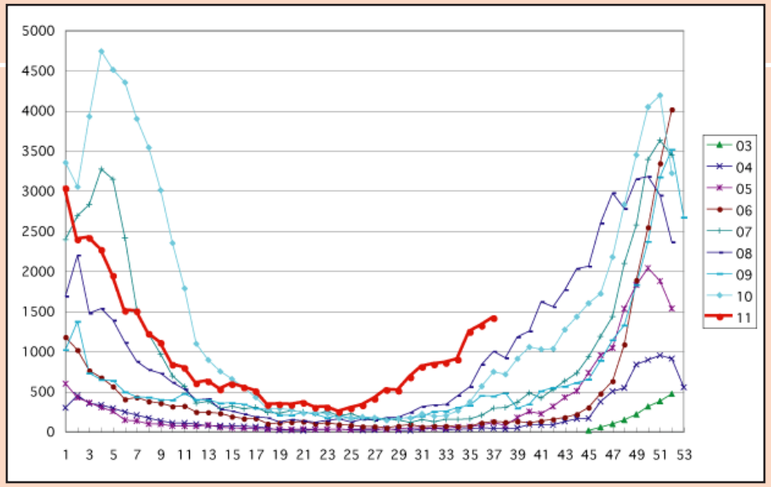
Mycoplasma Pneumonia



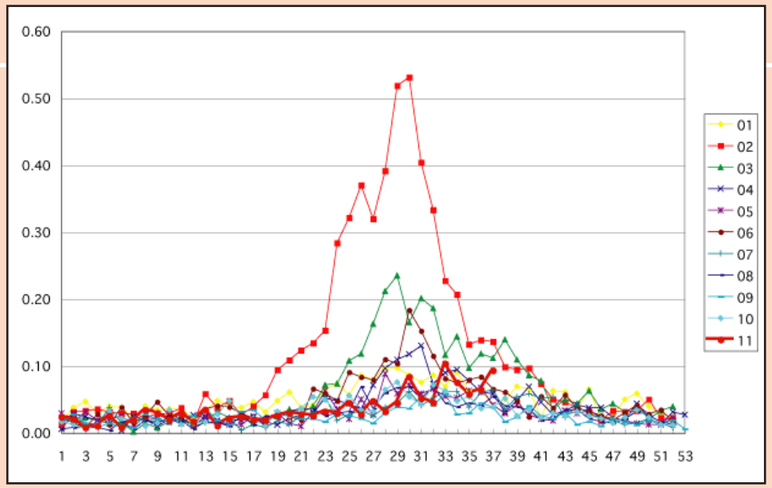
Infectious Erythema or 'Apple Sickness' or 'Ringo-Byou'



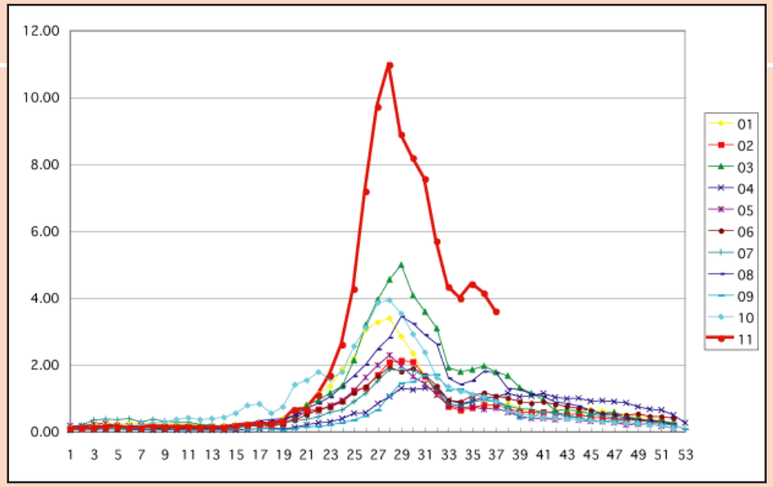
RSV Disease



Abacterial Meningitis



Hand-Foot-And-Mouth Disease



Immune System Meltdown Comments

SurvivalJapan says:
October 4, 2011 at 9:10 pm

Interesting. Many allergies too. In which area of Japan this data does this data come from?

Mochizuki says:
October 4, 2011 at 10:38 pm

All around in Japan.

Drahcir_9 says:
October 5, 2011 at 7:50 am

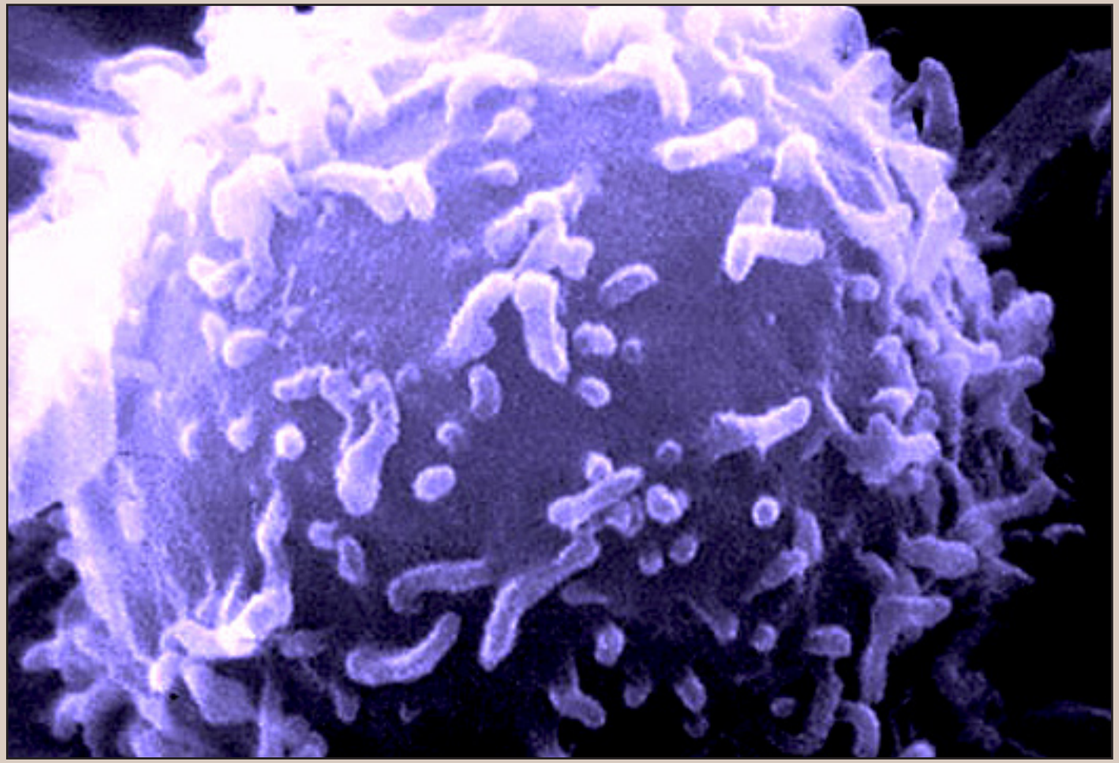
The area is no longer important since the japanese government sent truck-loads of highly contaminated sludge from Fukushima all around the country east-south-west-north and BURNED IT into the atmosphere. This effectively contaminated any safe areas in japan so that in future there will be no 'control group' of uncontaminated Japanese people. This means no one will successfully sue the japanese government for radiation poisoning in the future.

thedudeabides says:
October 5, 2011 at 9:16 am

Yes, there will be a control group – Japanese who left to live overseas after 3/11.

JT says:
October 5, 2011 at 1:25 pm

In the US, few people know it, and judges don't seem to go along with it in cases where it comes up, but juries have the power to make a decision whether or not it follows the law. It can be appealed, but a jury can acquit when someone is guilty or convict when they are not.



We understand how radiation can turn immune cells (above) pathogenic, stimulating them to cause disease, inflammation, necrosis and a wide variety of human ailments.

Also, it seems likely the amount of contamination will continue to increase and will be so much that there will be no denying it's Tepco and the Japanese government's fault. Before, nobody or few people ill or dying or died from radiation-related disease, after, lots, it would seem there can only be one conclusion. Especially if all the other radionuclides and the 'signature' they give accompanies the contamination.

Further, this is one place where the courts and rulings ought to be changed. If the officials all think they can further pollute that nation and its people to muddy the waters, courts and laws can be changed, and RETROACTIVELY at that.

Sue-Ellen Campbell says:
October 5, 2011 at 2:13 am

Would the same trend be in the stats for heart problems especially in children... That might shake up the world... Wonder what the Japanese government budget for hospitals, cancer drugs, and health projections are for the next five years?? Bet they look similar to the pneumonia!

mikael says:
October 5, 2011 at 3:43 am

All this are autoimune dissorders, canser is the ultimate price for a cell to pay, but before that, all this. And hormone disturbances can also lead to cognetiv disorders as well. Chafing is mainly because of Tissue inside our lungs are "fried". And the very air we breath is charged with isotopes and almost electrified and all that dust and isotopes are dragged down into our lungs.Of course our systems detect that. Everything on this planet will be effected, even under water.

Dhiarea is curious, because one starts to wonder how high is the exposure in reality, to me this seams high, very high. Is it sick plants, water rad level is what ..., consumating of animal flesh(fish and other sea food ingredients a.s.o.).

Fukushima the Mother of all the Black Swans is rising.

Mikkai says:
October 5, 2011 at 3:56 am

This is why man made nuclear fission is used as eugenics. Children die because of normal diseases. Please have a look at how it works:

Discovered by Abraham Petkau, 1972, Whitshell at the Atomic Energy of Canada Limited (web).

His study: http://www.nrcresearchpress.com/doi/pdf/10.1139/v71-196

He discovered:

That 26 RAD per Minute (fast radiation rate) need a total dose of 3500 RAD to harm a cell membrane. With 0.001 RAD per Minute (slow dose) only 0.7 RAD are needed to harm a cell membrane.

The Mechanism behind it:

The production of free radicals of Oxygen with a negative electric charge caused by ionizing effect of the radiation. The free radicals caused by the slow dose (0.001) are sparsely distributed radicals do have a higher chance to reach the cell membranes.

Why:

The free radicals of the fast radiation rate (26) are tight together and so they react faster with each other. The low electric charge of the cell membranes attract the free radicals in the early state of the reaction (minor total dose).

If the harmed cells are monocytes this will cause:

Anemia, because the monocytes recycle 37 – 40 % of the iron of dying red blood cells. Weakened immune system in the cells, because the monocytes generate the substance which activates the immune system of the lymphocytes. This is the so called “Bura Bura” – of Hiroshima and Nagasaki survivors.
This is ignored by the IAEA and the WHO.

http://www.independentwho.info

Routine radioactive emissions are dangerous because they are the main source of low-level radiation. Strong radiation comes from large accidents.

Petkau discovered that the response is logarithmic to radiation, that means, concave downward. So the risk is higher at low doses of radiation than larger ones.

The damage to the immune system due to low-level radiation can be controlled to some extent by measures that strengthen the immune system: antioxidant, vitamin C, vitamin E.

The biochemical mechanisms by which the immune system is damaged, are different from the damage to the DNA caused by high radiation doses.

If you have low-level radiation in addition to other mechanisms, the formation of free radicals by antioxidants such as vitamin C or E can be lifted. The only way to really deal with the problem of low-level radiation, is, as soon as possible to switch off any atomic reactor .

The BIMODAL effect of low radiation on health – proven by Burlakova 1996, ignored by science and IAEA, today’s science ONLY looks for LINEAR dose effects. They use the model of HIGH radiation (acute syndrome) on LOW radiation effects (cancer, diseases, mutation) – result is radiation victims are ignored and latency in general ignored! Please share:
http://www.life-upgrade.com/DATA/BurlakovaChernobyl-Belarus.pdf

Page 2: “Table 1 Incidence of 12 classes of disease among liquidators per 100 thousand people” – shows massive increase of diseases. Page 6 “relation between effects at low-intensive dosage and dose rate” and Page 11 “the PRESENCE of linear or linear-quadratic dependency IS NOT obligatory for the cases of diseases and deaths from malignant neoplasm at low doses”:

http://www.rri.kyoto-u.ac.jp/NSRG/reports/kr21/kr21pdf/Burlakova.pdf

IMMUNE SYSTEM MELTDOWN

"Presently the international organizations (WHO, IAEA) recognize as the main cause of increase of thyroid cancer in liquidators and children population after the accident their irradiation with radioactive iodine, I-131. The rest of diseases, they suppose, are provoked by psychoemotional reactions."
http://www.rri.kyoto-u.ac.jp/NSRG/reports/kr21/kr21pdf/Burlakova.pdf

The bimodal dependence of effects on dose was revealed for all studied parameters. Namely, effects increased at low doses, reached maximum (for low doses), then decreased (in some cases the effect sign reversed) and thereafter increased with the increase of dosage.

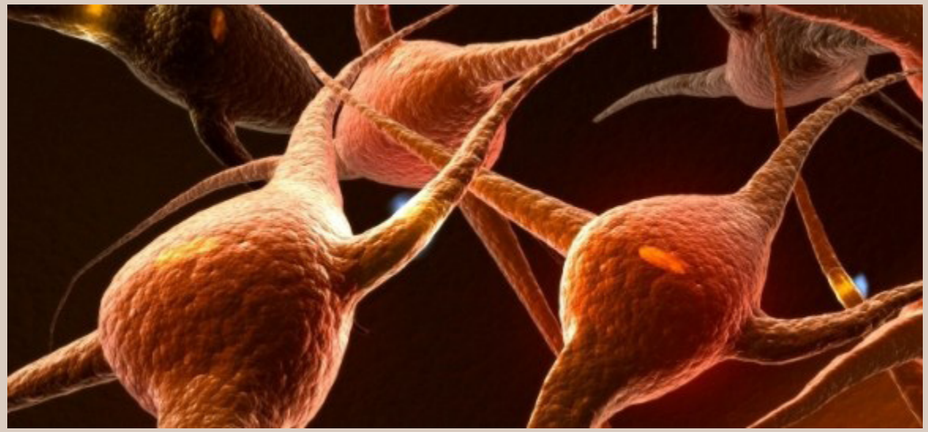
If natural radiation has influenced the evolution, what happens when we add artificial radiation? With radionuclides, which did not exist before the atomic age?
The answer: Atomic Darwinism:
http://tekknorg.wordpress.com/2011/10/01/the-atomic-darwinism/

Infant Mortality increased by Three Mile Island 1979 – ignored by IAEA, W.H.O., NRC, media:
http://tekknorg.wordpress.com/2011/07/30/infant-mortality-increased-by-three-mile-island-1979-ignored-by-iaea-w-h-o-nrc-media/

Low radiation kills everything: Trees, children, weather, green energy, peace, climate, democracy, mind, science:
http://tekknorg.wordpress.com/2011/08/09/low-radiation-kills-everything-trees-children-green-energy-peace-climate-democracy-mind-science/

UFS76 says:
October 5, 2011 at 8:26 am

HI Mochizuki san. Again, thank you so much for the great work you are doing here. I would like to request you do an article on Tokyo Disneyland and Disney Sea as many millions of people visit there every week. Since the very beginning of the Fukushima nuclear crisis, Urayasu has been and continues to be a radiation hot spot. People need to know it is not safe to visit the Disney Resort - Yoroshiku onegaishimasu.



How to Dwarf Fukushima

Weep for Japan today. Weep for us tomorrow.

October 05, 2011
by Russell D. Hoffman

If you don't want Fukushima USA to happen, there's only one choice:

Shut 'em down!
Shut 'em all down NOW!

But don't for a minute think that Fukushima was as bad as it can get!

It was bad. It was under-reported how bad it was — and is.

But Fukushima could have been worse — and still might be. In fact, it still probably WILL get worse — when the corium (reactor cores, melted into blobs) start hitting the water table.

At that point, Fukushima will get worse.

But there are other ways things can be worse than Fukushima is already.

For example, the entire core of the reactor can be blown to vapor, hot particles, fuel fleas and bits of corium in an instant (it's called a "core rubblization").

This can happen to any nuclear reactor anywhere in the world. Is it likely? No. Is it possible? Yes. Would it take an extraordinary sequence of events to happen? Yes.

But so did Fukushima.

Calling for increased regulatory oversight in light of Fukushima, calling for increased safety, calling for increased "margins of error" — all these won't do much more than loosen up the tight packing in the spent fuel pools — and increase the dry cask storage capacity from beyond intolerable to whatever comes after that.

They might add additional battery-backed up electronic monitors for the water levels and temperatures in the spent fuel pools (gee, you'd have thought they already did that, wouldn't you?).

They might have to purchase a fire pumper truck to keep on hand at every reactor site — not to put out fires (though it can be used for that, too) but to pour water on the reactors or spent fuel pools if needed.

They might require eight full hours of battery backup power for each reactor, instead of just four. They might require that radiation monitors be "hardened" to survive hydrogen explosions, and have battery backup in case of "Station Black Out" (SBO), a danger they practically never considered before Fukushima.

They might store an extra diesel generator on the West Coast somewhere, to be used by seven different reactors in case of emergency (I wonder how they decide who will get it if two places need it?) Similarly, a few diesel generators will be "strategically located" to provide mutual backup for all the other 97 reactors around the country.

That's all the "increased safety" calls will ever accomplish. Little steps. All good, but none decisive. Fukushima, USA will still come if these are the kinds of steps America will be taking in light of Fukushima, Japan.

You can be sure that even with all these improvements, nuclear power will still not be able to get insurance. The despicable Price-Anderson Act will not be rescinded.

To make things truly safer, we MUST shut the plants down.

And even that doesn't guarantee safety. Only moving the waste to an isolated location (which doesn't exist) AND shutting the plants down gives us any sort of reasonable guarantee, but then you still need: A safe way to store the waste (doesn't exist), and a safe way to transport it there (also doesn't exist).

The tragedy at Fukushima happened because the plants were operational and because fresh, hot fuel was in the spent fuel pools.

Not that dry casks can't have problems just as fierce: In my opinion, a jetliner crashing into the line of dry casks here at San Onofre Nuclear Generating Station a few miles from where I live, for example, could conceivably cause a criticality event which would dwarf Fukushima. The casks can be rearranged to prevent that (it's a bit like rearranging the deck chairs on the Titanic) but there are still other dangers to dry casks which need to be addressed.

But at least the full spectrum of accidents possible with an operating reactor can't happen if we shut the plants down.

A pro-nuker in a debate I watched recently hit the nail on the head about what the real problem is: Once a nuke is built, it becomes a cash cow for the utility that operates it.

Once it's built. New nuclear power plants aren't financially viable in America (without massive government subsidies), and new nuclear construction isn't even allowed in California until the impossible happens — the nuclear waste problem is solved. So instead, we have old nukes across the country, with hoped-for 40 year lives being extended to 60 years, and if they haven't melted down by then, 80 years, then 100 and 1000.

Sooner or later, leaving these old deathtraps running is what will kill us by the hundreds of thousands, ruin our lifestyle, and poison our land, air, and water forever.

Shut-down isn't a guarantee of eternal safety, but it's a huge step in the right direction and stops us from increasing the size of the problem every day.

Across America the problem of "spent fuel" piling up with nowhere to put it increases by about 10 tons PER DAY.

It is impossible to make a totally safe nuke. It is impossible to find a totally safe storage place for the waste.

That's why the concept of "probabilistic risk assessment" is used to justify nuclear power. But all such calculations are based on faulty assumptions and wishful thinking by those desiring to promote the industry — and being paid to do so.

The "passive" emergency cooling systems promised for the next generation of nuke plants MIGHT work... but they might not... especially if an airplane crashed into the facility.
It is impossible to make a totally safe nuke.

Even if the nuclear power plant operates perfectly for its entire life — which has never happened and never will — it creates an enormous hazardous waste pile which cannot be safely or economically contained.

Burying the dead ...

Every nuclear power plant is capable of an accident which can dwarf what happened at Fukushima. When that happens, it will be very difficult to analyze what went wrong! They still haven't figured out what happened at Fukushima almost seven months later, or what's happening there at this moment.Yet still, the pronukers insist that increased safety measures are all we need. They point out weak spots in the Japanese latticework of regulations and claim that America's system is better. But in March of 2002 Davis-Besse nearly did what Fukushima did in March of 2011, without any act of mother nature except rust (and rust never sleeps), and there have been numerous close calls before and since — perhaps less dramatic than a football-sized hole in the reactor pressure vessel head, as happened at Davis-Besse, but no less dangerous.

Fukushima can — and will — happen in America. And when it does, we will no longer be a first-world country. We will be a pitiable, poverty-stricken, has-been nation of mutants, debtors, the diseased and the dying.

Just like Japan is now. Oh, you don't think so? Look more closely — look past the official reports, past the main stream media, and read about the abortions, the suicides, the deformities that are showing up everywhere.

Weep for Japan today. Weep for us tomorrow.

Fukushima Before ...

Fukushima today ...

"Danger Reading" in Tokyo Radiation nears level that triggers an evacuation 17 times recommended limit more contaminated than areas in exclusion zone

The Guardian, October 13, 2011:

Radiation level on Tokyo street was 17 times recommended limit, exceeding readings in parts of Fukushima exclusion zone

[...] Researchers recorded radiation of 3.35 microsieverts per hour along a street in Setagaya ward, a higher level than in some parts of the 20-kilometre exclusion zone around the nuclear plant.

The hourly reading is equivalent to 17.6 millisieverts (mSv) a year, according to science ministry calculations, just below the 20 mSv a year required to trigger an evacuation, and more than 17 times the internationally recommended level for the general public. [...]

Radiation levels in the neighbourhood, which has a population of more than 840,000, have not dropped, despite decontamination efforts. [...]

Single Tokyo ward has 13 schools with radiation levels above safety standard

Bloomberg, October 13, 2011

[...] Other areas in Tokyo and Yokohama have reported radiation readings requiring further investigation, with most originating from local residents using personal dosimeters.

Setagaya adjoins Ota ward where radiation levels exceeding the ward's own safety standard of 0.25 microsieverts per hour were detected at 13 schools, the Ota ward board of education said today. The tests are continuing at the schools. [...]

Researcher: Tokyo sample had radioactivity levels higher than in Chernobyl exclusion zone "There's a very, very high level of contamination even as far south as Tokyo"

Chris Busby, August 17th, 2011

Chris Busby [visiting professor at the University of Ulster's school of biomedical sciences and scientific secretary of the European Committee on Radiation Risk, a think-tank -Bloomberg]: There's a very, very high level of contamination even as far south as Tokyo. For example, we found one sample in Tokyo that had levels of radioactivity higher than levels inside the Chernobyl exclusion zone, a very serious matter.

"A sign that a grave contamination is in progress in Tokyo" 2,300 Bq/kg of radiation detected in soil near plant in Koto Ward

Japan Times, June 8, 2011

A group of Tokyo parents filed a request Tuesday asking the metropolitan government to change the way it determines radiation levels in the capital after their own study found relatively high levels of contamination around Koto Ward. [...]

"This should be taken as a sign that a grave (contamination) is in progress in Tokyo," Ayako Ishikawa, the leader of the group, said during a news conference.

The metropolitan government checks levels of radioactivity at an elevation of 18 meters in Shinjuku Ward, where the maximum hourly reading was about 0.06 microsievert on Tuesday. But Ishikawa insists such readings are unreliable and should be taken at about 1 meter above the ground. [Kobe University professor Tomoya Yamauchi], an expert on radiation physics, said high levels of contamination were detected in soil, especially around a plant in Koto Ward that produces sludge, an ingredient in cement, where the level reached 2,300 becquerels per kilogram [in late May]. [...]

Fukushima Diary

Fukushima Diary was started by a Japanese gentleman in Japan just after the nuclear accident occurred. This is the latest post as of October 14th at 5am US Central Time.

News: Strontium90 in Yokohama was 2.5 times more than what they measured in Fukushima
Posted by Mochizuki on October 13th, 2011

195 Bq/kg of Strontium-90 was measured in Yokohama. It turned out that it's 2.5 times more than what they found in Fukushima, April and May. In April and May, they measured 77 Bq/kg just outside of the Fukushima plant. Yokohama is about 250km away from the plant and it was measured in September. Considering the manipulated data of fallout, the "77 Bq/kg" might be extremely manipulated as well. When it is cleared, it will be already too late as always.

WHEN IT IS CLEARED,

IT WILL BE ALREADY TOO LATE

AS ALWAYS.

NO NUCLEAR
反核

N
NUCLEARE
FUCK
© Marilena Legnini - L'Alfabeto del Fuck

PEACE